

ABSTRACT

A route control device disposed between a plurality of first devices and a second device for providing a service to the first devices, has a plurality of I/O units, to which the first devices are connected, inputting and outputting data to said first devices connected thereto, a service storage unit storing a service that should be provided from the second device to the first devices connecting to the I/O unit in a way that maps the service to each the I/O unit, a service determining unit searching through the service storage unit and thus determining the service that should be provided to the first devices connecting to any one of the I/O units, and a service request unit requesting the second device to provide the service determined by the service determining unit to the first devices concerned.